

PHARMACY RESIDENCY EXPERIENCES

REQUIRED EXPERIENCES

EXPERIENCE	DESCRIPTION
PHARMACY PATIENT ALIGNED CARE TEAM (PACT) 8 WEEKS	<p>The resident will participate in a pharmacist run primary care clinic where they will manage chronic disease states including but not limited to diabetes, hypertension, hyperlipidemia, CHF, COPD, and smoking cessation. The resident will be responsible to assess patients and implement evidence-based drug therapy changes as well as lab and side effect monitoring. The resident will also gain experience in completing medication reconciliations, polypharmacy reviews, and patient education. The resident will work closely with their preceptor(s) on population management initiatives focusing on primary care metrics (e.g., statin use in Diabetes and CVD).</p>
INTERNAL MEDICINE 6 WEEKS	<p>This rotation gives the resident experience in a traditional hospital setting. The time is split between the medical-surgical floor and the ICU. The resident will go on rounds with the medical team and make recommendations for treatment. The resident will gain experience dosing vancomycin and warfarin in the inpatient environment. Also, the resident will participate in medication reconciliations and discharge counseling. The residents will participate in code simulations. The disease states seen in this rotation can vary widely, but some common disease states include alcohol withdrawal, osteomyelitis, COPD/CHF exacerbation, acute kidney injury, UTI, DVT/PE, and stroke.</p>
MENTAL HEALTH 6 WEEKS	<p>This rotation gives the resident experience in both inpatient and outpatient mental health. On the inpatient side, the resident will attend morning huddles with an interdisciplinary team and make recommendations for medication therapy. Also, the resident will participate in medication reconciliations and discharge counseling. The resident will lead group education sessions for patients on the inpatient psychiatry unit. On the outpatient side, the resident will manage medications, assess labs, and ensure proper adherence to outpatient therapy. Some examples of disease states managed on this rotation include depression, anxiety, PTSD, schizophrenia, substance use disorder, and bipolar disorder. The resident will work closely with their preceptor on psychotropic drug safety initiatives focusing on behavioral health metrics (e.g., combination of benzodiazepines with opioids).</p>
ANTICOAGULATION 4 WEEKS	<p>During this rotation, the resident will become proficient in managing patients on direct oral anticoagulants (DOACs). This includes evaluating dosing, monitoring labs, side effects, and counseling and educating patients. The resident will assist the clinical pharmacist in managing the “DOAC dashboard” as well as completing consults for anticoagulation related issues such as procedural management. The disease states seen in this rotation include atrial fibrillation, DVT, PE, and stroke.</p>
PRACTICE MANAGEMENT 4 WEEKS	<p>This rotation gives the resident an insight into the ins and outs of managing a pharmacy practice. This can include meetings about drug shortages, new policies, personnel management, accreditation, resident recruitment, interviews, etc. Residents will participate and contribute in clinical huddles to address any concerns as well identify</p>

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	ways to optimize and expand clinical services. The specific projects can depend on the time of year the rotation falls. Also, in this rotation the resident will gain experience in resolving patient advocate concerns, nonformulary drug reviews, adverse event reporting as well as presenting ISMP safety alerts at pharmacotherapeutics committee meetings.
PRECEPTING 4 HOURS/ WEEK FOR 4 WEEKS	The resident will be assigned as a secondary preceptor for an Introductory to Pharmacy Practice Experience (IPPE) student or Advanced Pharmacy Practice Students (APPE) during the student's clinical rotation. For IPPE students, the resident will be responsible for providing shadowing opportunities to the IPPE student, providing instruction on required assignments and tasks for the rotation, and evaluating the student's assignments. For APPE students, residents will work with the student one ½ day per week and precept the student during the assigned clinic. The resident will be present for the patient interview and critique the student's documentation of the visit. Residents will move through the four preceptor roles to teach the students how to effectively interview a patient by the end of the rotation. Residents will also precept either an APPE journal club or patient case presentation and provide a critique to the student.

LONGITUDINAL EXPERIENCES

EXPERIENCE	DESCRIPTION
GERIATRICS LONGITUDINAL 48 WEEKS 4 HOURS/WEEK	This rotation focuses on patients that are in our Community Living Center (nursing home). Each week, the resident will be responsible for completing patient monthly chart reviews and making appropriate recommendations on laboratory monitoring as well as polypharmacy. The resident will work closely with a multidisciplinary team to implement the recommendations. The resident will be responsible for completing medication reconciliation and assessing for any medication changes. Disease states seen in this rotation include diabetes, hypertension, hyperlipidemia, CHF, COPD, dementia, Parkinson's disease, Alzheimer's disease, thyroid disorders, and osteoporosis. The resident will also gain experience in preventive medicine and fall risk assessment.
PHARMACY STAFFING LONGITUDINAL 48 WEEKS 4 HOURS/ AND 4 WEEK ROTATION	The pharmacy resident will become proficient in both inpatient and outpatient staffing. In outpatient, the resident will process orders and complete final verification of medications being filled. The resident will complete proper documentation and practices for filling and processing narcotic medications. In the inpatient setting, the resident will process orders and learn about hospital policies and safety measures to ensure high risk medications are being prescribed safely. Residents will also gain experience in IV medication compounding.

ELECTIVE EXPERIENCES-CHOICE OF 3 ELECTIVES

EXPERIENCE	DESCRIPTION
ACADEMIC DETAILING 5 WEEKS	<p>The elective academic detailing experience will introduce the pharmacy resident to the skills and techniques of academic detailing and allow them to practice these skills. Academic detailing involves reviewing and learning evidence-based medicine, developing and/or promoting educational pieces that include key messages, providing academic detailing outreach visits to VA staff, identifying, and resolving barriers, and socializing new academic detailing campaigns. The resident will work closely with their preceptor in deploying education campaigns.</p>
ANTIMICROBIAL STEWARDSHIP 5 WEEKS	<p>This elective focuses on antimicrobial use in both inpatient and outpatient settings. The resident will be responsible to assess for appropriateness of antimicrobials based on indication, cultures, and other pertinent laboratory data. The residents will be responsible to assess and implement IV to PO conversions, 48-hour de-escalation and any dosage adjustments needed. The resident will gain experience in pharmacokinetic dosing and monitoring of vancomycin and aminoglycosides. The resident will also gain experience in completing restricted drug reviews for antimicrobials and managing outpatients on long term antibiotics.</p>
DIABETES 5 WEEKS	<p>This elective rotation focuses on complex diabetes patients on insulin, insulin pumps and continuous glucose monitors. The resident will be responsible for patient assessment and education. The resident will be responsible to assess patients and implement evidence-based medication changes, adjust insulin pump settings, review insulin pump candidacy, therapeutic drug and lab monitoring, and address formal consults for non-formulary drug requests specific to diabetes management.</p>
HOME-BASED PRIMARY CARE (HBPC) 5 WEEKS	<p>This elective focuses on patients that are homebound. The resident will be responsible for completing chart reviews and making appropriate recommendations on laboratory monitoring as well as polypharmacy. The resident will work closely with a multidisciplinary team to implement the recommendations. The resident will be responsible to complete medication reconciliation and assess for any non-VA medication changes. The resident will gain experience in responding to drug information questions, non-formulary reviews, and warfarin/DOAC management. Disease states seen in this elective include diabetes, hypertension, hyperlipidemia, CHF, COPD, smoking cessation, BPH, ALS, MS, and dementia. The resident will gain experience in preventive medicine and fall risk assessment.</p>
ONCOLOGY 5 WEEKS	<p>This elective rotation focuses on outpatient-based chemotherapy infusion clinic patients. The resident will be responsible to review treatment plans for chemotherapy regimens. Treatment plan reviews consist of confirming all drug, dose and frequency with the primary literature cited by the physician in the treatment plan. In addition, the resident will be expected to identify and attend to any drug/disease or drug/drug interactions the treatment plan may cause, review for supportive treatment such as anti-emetic therapy,</p>

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	chemotherapy-induced neutropenia and anemia, and pain management. The resident will participate in multidisciplinary huddles weekly to review patients. The resident will also gain experience in reviewing oncology non-formulary requests.
PAIN MANAGEMENT/ SUBSTANCE USE DISORDER 5 WEEKS	<p>This elective focuses on patients with chronic pain and substance use disorder. During this rotation, the resident will work as part of a multi-specialty team as well as in a pharmacist clinic to provide patients with both pharmacological and non-medication-based therapies. The resident will be responsible for conducting patient interviews, addressing medication therapy issues, interpreting laboratory results and urine drug screen (UDS). The resident will gain exposure to a pharmacist run Battlefield Acupuncture clinic. The resident will work closely with preceptors on reviews of patients identified by the Stratification Tool for Opioid Risk Mitigation (STORM) dashboard.</p>
PHARMACY INFORMATICS/ PHARMACOECONO MICS 5 WEEKS	<p>In this elective rotation, the resident will become familiar with all aspects of pharmacy informatics and pharmacoeconomics. The resident will gain knowledge and experience in managing the various pharmacy packages and automation, including VISTA, CPRS, Bar Code Medication Administration (BCMA), Omnicell (automated dispensing cabinet) and ScriptPro. The resident will become familiar with CPRS ordering menus, the National Drug File (NDF) and the National Formulary. The resident will gain experience in reviewing Care in The Community (CITC) non-formulary requests. The residents will be expected to create order sets, prepare pharmacoeconomic proposals, and complete a drug utilization evaluation (DUE). The resident will gain an understanding of running reports and analyzing data.</p>
PRECEPTING & LEARNING CERTIFICATE PROGRAM (THROUGH WILKES UNIVERSITY) LONGITUDINAL 32 WEEKS 2-4 HOURS/WEEK	<p>The purpose of this elective rotation is to assist the pharmacy resident approaching the role of a clinical preceptor. This is a longitudinal experience hosted in conjunction with Wilkes University Nesbitt School of Pharmacy. Residents in the program will develop plans and tools for precepting students and have the opportunity to participate in didactic and experiential learning. Residents will earn continuing education (CE) credit and meet ASHP requirements for residency preceptor development.</p>